

FIG. 1

200

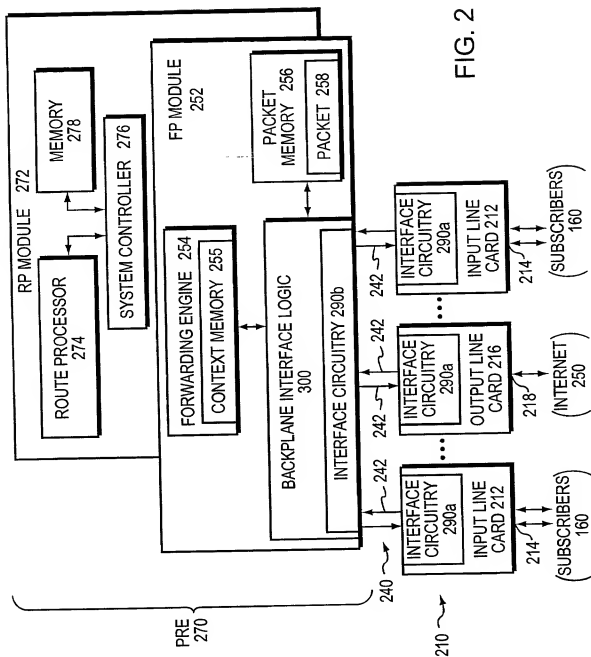


FIG. 2

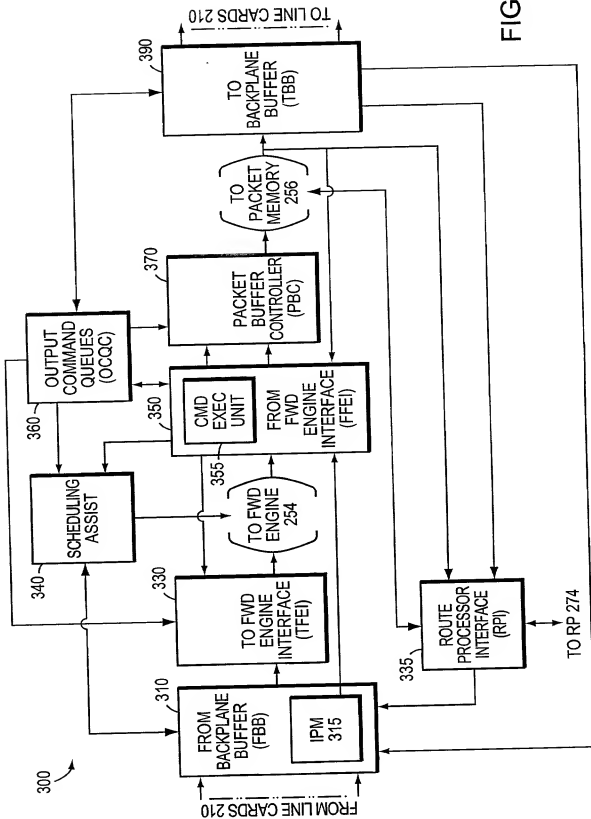


FIG. 3

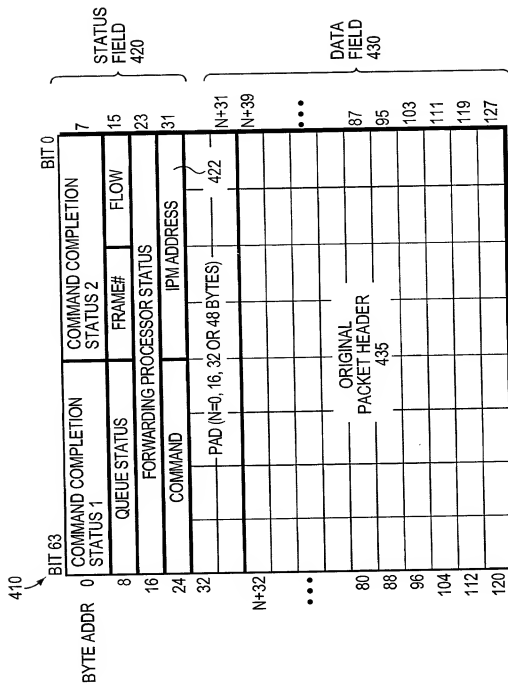


FIG. 4A

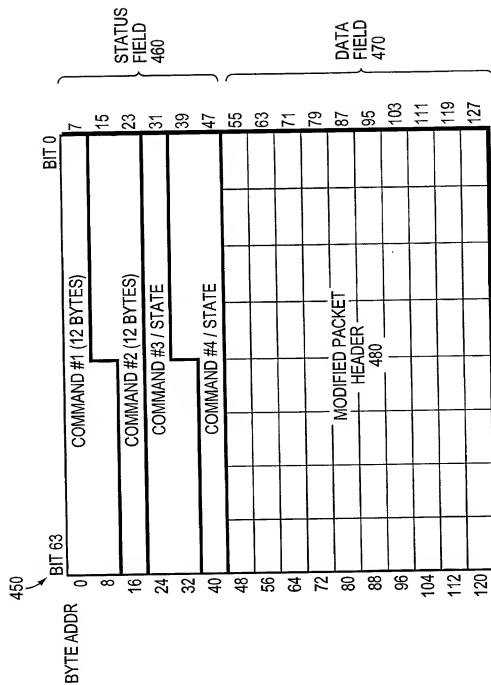


FIG. 4B

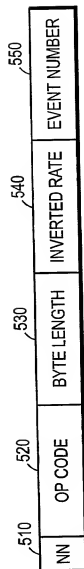


FIG. 5A

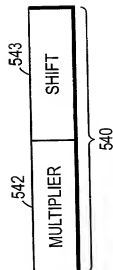


FIG. 5B

INVERTED RATE EXAMPLES

CHANNEL RATE	150MHz				200MHz			
	MULTIPLIER	SHIFT	COMPUTED RATE (CYCLES/BYTE)	ACCURACY FOR 65B PKL	MULTIPLIER	SHIFT	COMPUTED RATE (CYCLES/BYTE)	ACCURACY FOR 65B PKL
DS0	586	0	18752	0.01%	781	0	24992	0.03%
128K ISDN	586	1	9376	0.01%	781	1	12496	0.03%
FT1 (6 DS0)	781	3	3124	0.03%	521	2	4168	0.03%
T1	781	5	781	0.03%	521	4	1042	0.03%
T3	853	10	26.8	0.09%	572	9	35.7	0.08%
OC3	1022	12	7.969	0.16%	681	11	10.6	0.11%
OC12	1022	14	1.984	0.55%	681	13	2.64	0.55%
GE	616	14	1.20	0.0%	821	14	1.6	0.0%
OC48	513	15	.4923	1.34%	683	15	.662	0.55%

FIG. 5C

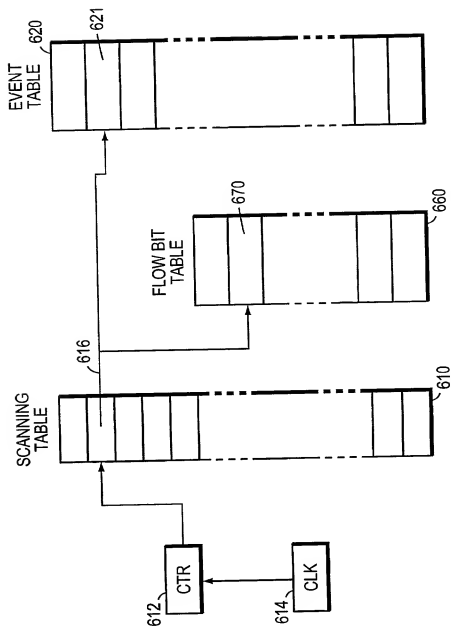


FIG. 6A

SCANNING TABLE

CHANNEL RATE	# OF TIMES IN SCANNING TABLE	REPEAT RATE IN SCANNING TABLE	BYTES XMIT PER SCAN (150MHz)	BYTES XMIT PER SCAN (200MHz)
DS0	1	8192	.8	.6
128K ISDN	1	8192	1.8	1.4
FT1 (6 DS0)	1	8192	5.2	4.0
T1	4	2048	5.2	3.9
T3	128	64	4.8	3.6
OC3	256	32	8.0	6.0
OC12	512	8	8.0	6.0
GE	2048	4	6.7	5.0
OC48	4096	2	8.0	6.0

FIG. 6B

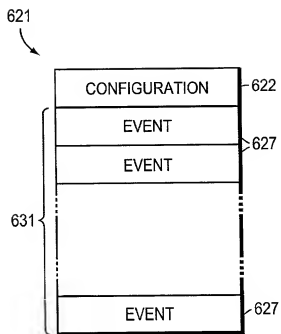


FIG. 6C

+

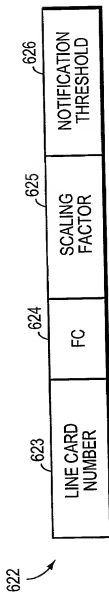


FIG. 6D

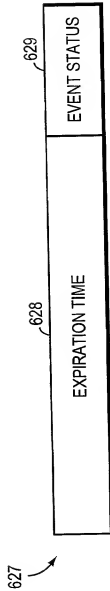


FIG. 6E

+

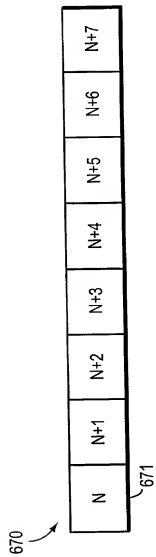


FIG. 6F

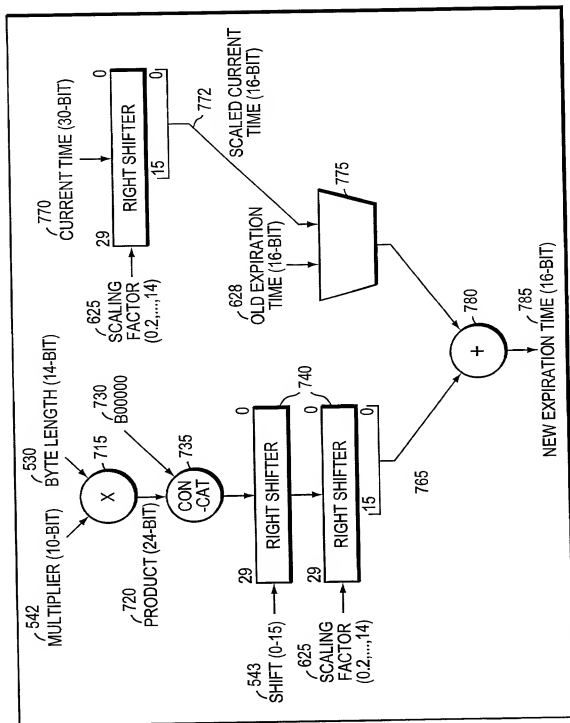


FIG. 7A

SCALING FACTOR EXAMPLES

SYSTEM CLOCK RATE	150MHz			200MHz		
	SCALING FACTOR SHIFT (BITS)	MIN. BYTE GRANULARITY	MAX. BYTES	SCALING FACTOR SHIFT (BITS)	MIN. BYTE GRANULARITY	MAX. BYTES
DS0	14	1	49K	14	1	37K
128K ISDN	14	2	98K	14	2	73K
FT1 (6 DS0)	12	1	73K	12	1	55K
T1	10	1	73K	10	1	55K
T3	6	2	134K	6	2	100K
OC3	4	2	112K	4	2	84K
OC12	2	2	112K	2	2	84K
GE	2	3	187K	2	3	140K
OC48	0	2	112K	0	2	84K

FIG. 7B

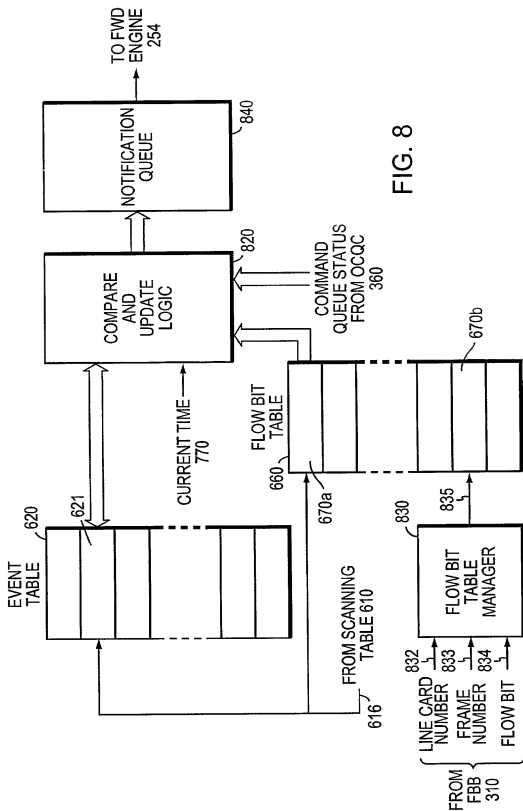


FIG. 8

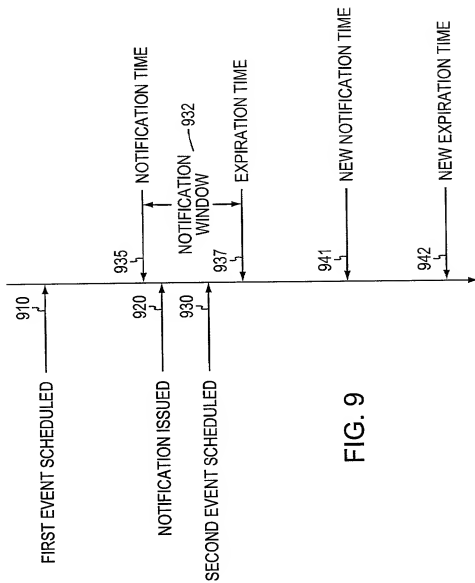


FIG. 9